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☐ 1: 1BKNB. Chain B, Crystal ...[gi:5107507]

BLink, Domains, Links

LOCUS 1BKN_B 352 aa linear BCT 09-JUL-1998

DEFINITION Chain B, Crystal Structure Of An N-Terminal 40kd Fragment Of E.
Coli Dna Mismatch Repair Protein MutL.

ACCESSION 1BKN_B

VERSION 1BKN_B GI:5107507

DBSOURCE pdb: molecule 1BKN, chain 66, release Jul 9, 1998;

deposition: Jul 9, 1998;

class: Dna Repair;

source: Mol_id: 1; Organism_scientific: Escherichia Coli; Strain:

K-12; Plasmid: Ptx418; Gene: MutL; Expression_system: Escherichia

Coli; Expression_system_strain: Hms174 (Lambda De3);

Expression_system_vector_type: Plasmid; Expression_system_plasmid:

Ptx418; Expression_system_gene: MutL;

Exp. method: X-Ray Diffraction.

KEYWORDS

SOURCE Escherichia coli

ORGANISM Escherichia coli

Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
Enterobacteriaceae; Escherichia.

REFERENCE 1 (residues 1 to 352)

AUTHORS Ban,C. and Yang,W.

TITLE Crystal structure and ATPase activity of MutL: implications for DNA
repair and mutagenesis

JOURNAL Cell 95 (4), 541-552 (1998)

MEDLINE 99043508

PUBMED 9827806

REFERENCE 2 (residues 1 to 352)

AUTHORS Yang,W. and Ban,C.

TITLE Direct Submission

JOURNAL Submitted (09-JUL-1998)

COMMENT Revision History:

MAY 11 99 Initial Entry.

FEATURES

source

Location/Qualifiers

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SecStr

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SecStr

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SecStr 290..298
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SecStr 319..333
/sec_str_type="helix"
/note="helix 12"

ORIGIN

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121 qeawqayaeg rdmnvtvkpa ahpvgttle v ldlfyntpar rkflrtekte fnhideiirr
181 ialarfdvti nlshngkivr qyravpeggq kerrlgaicg taflegalai ewqhgdltlr
241 gwvadpnhtt palaeiqcy vngmmrdrl inhairqace dklgadqqa fvlyleidph
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